

Directional Coupler

TRDC-ED12601/2

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.3	17.82	34.18	25.05	0.09	0.09	0.09
0.5	13.53	29.90	26.01	0.23	0.23	0.22
0.7	10.81	27.13	26.48	0.42	0.42	0.41
1.0	8.08	24.37	27.08	0.79	0.80	0.78
3.0	2.14	18.12	30.08	4.38	4.40	4.34
5.0	0.97	16.82	31.97	7.67	7.70	7.62
7.0	0.58	16.38	33.18	10.28	10.30	10.22
9.0	0.42	16.18	33.62	12.39	12.42	12.33
10.0	0.37	16.13	33.75	13.31	13.35	13.25
30.0	0.36	16.02	35.98	23.53	24.73	23.52
40.0	0.42	16.11	36.32	24.27	26.30	24.19
50.0	0.45	16.16	36.56	24.57	26.95	24.48
60.0	0.45	16.18	36.60	24.90	27.41	24.77
70.0	0.44	16.19	36.44	25.25	27.83	25.12
80.0	0.43	16.20	35.81	25.54	28.25	25.44
90.0	0.43	16.20	35.82	25.82	28.53	25.76
100.0	0.42	16.20	35.46	26.12	28.84	26.05
150.0	0.41	16.22	33.78	27.01	29.74	26.90
200.0	0.40	16.22	32.14	26.56	29.72	26.80
250.0	0.41	16.22	30.29	26.24	30.38	26.44
300.0	0.42	16.21	28.01	25.83	29.97	26.09
350.0	0.43	16.19	26.31	25.96	28.93	26.53
400.0	0.45	16.18	25.11	25.79	29.19	26.60
450.0	0.46	16.15	22.59	26.35	27.70	27.12
500.0	0.49	16.13	21.67	26.37	26.24	26.44
512.0	0.49	16.12	21.46	26.20	26.26	26.21
520.0	0.50	16.12	21.20	26.01	26.32	26.11
540.0	0.50	16.11	20.50	25.79	26.28	25.92
560.0	0.51	16.09	19.92	25.60	25.83	25.77
580.0	0.52	16.08	19.38	25.46	25.03	25.51
600.0	0.54	16.06	18.82	25.00	24.30	25.17
700.0	0.59	16.00	17.51	23.75	23.75	25.09
800.0	0.67	15.95	15.98	23.42	22.36	25.84
900.0	0.76	15.94	14.47	22.74	20.14	24.55
1000.0	0.89	15.98	13.70	20.63	18.87	23.22
1200.0	1.18	16.11	11.18	18.85	16.71	23.81
1400.0	1.38	16.27	7.99	16.36	15.02	21.05
1600.0	1.53	16.22	4.86	14.55	13.44	21.10
1800.0	1.91	15.94	3.05	12.78	12.73	18.88
2000.0	2.74	16.12	1.97	11.34	12.15	18.68
2200.0	3.82	17.30	0.18	10.37	12.86	17.97